

Application No. 10/788,954
Response dated 29 October 2007

Attorney Docket No. GL-6115DIV

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-9. (canceled)

10. (currently amended) A synthetic elastomeric article having a tensile of greater than about 3000 psi as measured in accordance with ASTM D412, said article being prepared by a process comprising the steps of:

a) preparing a composition comprising a polyisoprene latex formulated with an accelerator composition and a stabilizer, said accelerator composition comprising a dithiocarbamate compound, a thiazole compound and a guanidine compound;

b) dipping a former into said compounded latex composition; and

c) curing said compounded latex composition on said former; and

d) leaching said cured latex composition in a water leaching tank.

11. (original) The article of claim 10, wherein the article is a glove.

12. (original) The article of claim 10, wherein the article is a condom.

13. (original) The article of claim 10, wherein the article is a probe cover.

14. (original) The article of claim 10 wherein the article is a catheter.

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15. (original) The article of claim 10, wherein said accelerator composition comprises:

zinc diethyldithiocarbamate;
zinc 2-mercaptopbenzothiazole; and
diphenyl guanidine.

16. (original) The article of claim 10, wherein said stabilizer comprises a milk protein salt.

17. (original) The article of claim 16, wherein said stabilizer comprises sodium caseinate.

18. (canceled)

19. (withdrawn) A polyisoprene latex composition comprising:

a dithiocarbamate compound;
a thiazole compound;
a guanidine compound; and
a stabilizer.

20. (withdrawn) The latex composition of claim 19 wherein the latex composition comprises:

zinc diethyldithiocarbamate;

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- zinc 2-mercaptobenzothiazole;
- diphenyl guanidine;
- and sodium caseinate.

21. (canceled)

22. (previously presented) A glove composed of polyisoprene and having a tensile strength of greater than 3000 psi as measured in accordance with ASTM D412, said glove being prepared from a polyisoprene latex formulated with an accelerator composition comprising a dithiocarbamate compound, a thiazole compound, and a guanidine compound.

23. (previously presented) The glove of claim 22, wherein said polyisoprene latex is further formulated with a milk protein salt.

24. (previously presented) The glove of claim 23, wherein said formulated latex composition is stable to storage for up to at least about 7 days prior to its use in the dipping and curing process.

25. (previously presented) The glove of claim 23, wherein said milk protein salt is sodium caseinate.

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26. (previously presented) The article of claim 10, wherein said accelerator composition comprises:

- a) a dithiocarbamate compound, in an amount ranging from 0.50 phr to about 1.00 phr per 100.0 phr polyisoprene of the compounded latex composition;
- b) a thiazole compound, in an amount ranging from 0.50 phr to about 1.00 phr per 100.0 phr polyisoprene of the compounded latex composition; and
- c) a guanidine compound, in an amount ranging from 0.50 phr to about 1.00 phr per 100.0 phr polyisoprene of the compounded latex composition.

27. (previously presented) A synthetic elastomeric article, said article being prepared by a process comprising the steps of:

- a) preparing a composition comprising a polyisoprene latex formulated with an accelerator composition and a stabilizer, said accelerator composition comprising a dithiocarbamate compound, a thiazole compound and a guanidine compound;
- b) dipping a former into said compounded latex composition; and
- c) curing said compounded latex composition on said former.

28. (previously presented) A glove composed of polyisoprene, said glove being prepared from a polyisoprene latex formulated with an accelerator composition comprising a dithiocarbamate compound, a thiazole compound, and a guanidine compound.